

A cross-sectional diagram of a trapezoidal channel. The bottom of the channel is filled with stones. The top width of the channel is indicated by a dimension line and labeled as 3'.

Diagram illustrating the cross-section of a trap structure. The structure features a sloped inlet with a 2:1 slope, a horizontal section with a minimum depth of 12 inches, and a sloped outlet with a 2:1 slope. A 3-foot horizontal distance is marked from the flow direction to the start of the riprap placement. The riprap is specified as 9-inch diameter loose riprap, 12 inches deep, placed along the inflow of the trap.

Diagram illustrating a circular settling tank or clarifier. The tank is circular with a diameter labeled "LENGTH = 2X WIDTH". The tank is divided into concentric circles, representing the settling area. The inlet is on the left, labeled "INLET", and the outlet is on the right, labeled "OUTLET". The water level is indicated by "A" at the inlet and "B" at the outlet. The flow is labeled "CONCENTRATED FLOW" with an arrow pointing into the inlet. A note points to the outlet area: "IF OVERFLOW WATER RUNS ACROSS DISTURBED GROUND, STABILIZE IT WITH STONE OR CHANNEL LINER".

NOTES FOR SEDIMENT TRAPS:

1. PLACE SEDIMENT TRAPS AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. IDENTIFY THE STORAGE CAPACITY OF EACH SEDIMENT TRAP IN THE PROJECT PLAN SET.
3. CONSTRUCT TRAP LENGTH TWICE AS LONG AS THE WIDTH.
4. MAINTAIN A PROPERLY FUNCTIONING SEDIMENT TRAP THROUGHOUT CONSTRUCTION OR UNTIL DISTURBED AREAS CONTRIBUTING TO THE BASIN HAVE BEEN PAVED OR SEEDED AND MULCHED.
5. REMOVE SEDIMENT AS IT ACCUMULATES AND PLACE IT IN A STABLE AREA APPROVED BY THE ENGINEER.

1. PLACE STABILIZED CONSTRUCTION ENTRANCES AT LOCATIONS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. MAINTAIN A PROPERLY FUNCTIONING CONSTRUCTION ENTRANCE THROUGHOUT CONSTRUCTION OR UNTIL DISTURBED AREAS HAVE BEEN PAVED.
3. DO NOT ALLOW VEHICLES LEAVING THE CONSTRUCTION SITE TO TRACK MUD ONTO PAVED ROADS.

[illegible]

UTAH DEPARTMENT OF TRANSPORTATION
STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION
SHEET 1 OF 1

RECOMMENDED FOR APPROVAL	AUG.25, 2005
DATE	
CHAIRMAN STANDARDS COMMITTEE	AUG.25, 2005
APPROVED	DATE
DEPUTY DIRECTOR	

TEMPORARY EROSION
CONTROL
(SEDIMENT TRAP AND
STABILIZED
CONSTRUCTION ENTRANCE)

STD DWG
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